

ABSTRACT OF THE DISCLOSURE

[42] An inductive energy harvester comprises a permanent magnet magnetic field source attached by a pair of compact spiral disk springs to an induction coil. The springs position the magnet so that the induction coil surrounds one end of the magnet
5 where the flux density is greatest. In addition, the magnetic flux emerging from that end of the magnet is enhanced by a disk of magnetic material having high permeability and high flux density. In another embodiment, the magnetic field source comprises two dipole magnets arranged in opposing flux relationship with a thin layer of high flux density, high magnetic permeability material located in a gap between the magnets.